

PTO/SB/08A (08-00)

Complete if Known

Application Number

10/048,046

Filing Date

January 24, 2002

First Named Inventor

Thanos Halazonetis et al

Group Art Unit

Examiner Name

Sheet	1	of	2
-------	---	----	---

Attorney Docket Number

WST97AUSA

U.S. PATENT DOCUMENTS

Examiner Initials ²	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
					BEST AVAILABLE COPY	


FOREIGN PATENT DOCUMENTS

[illegible]

Examiner Signature	M. T. DAVES	Date Considered	05/10/04
-----------------------	-------------	--------------------	----------

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard S1.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard S1.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

inside this box → 

PTO/SB/08B (08-00)

9A/PTO

Complete if Known

ATION DISCLOSURE
MENT BY APPLICANT

(use as many sheets as necessary)

Application Number

10/048,046

Filing Date

January 24, 2002

First Named Inventor

Thanos Halazonetis et al

Group Art Unit

Examiner Name

Attorney Docket Number

WST97AUSA

TECH CENTER 1600/2900



OCT 15 2002

RECEIVED



Sheet 2 of 2

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiners Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	AAZ	G. ZHU et al, "The Fork Head Transcription Factor Hcm1p Participates in the Regulation of SPC110, Which Encodes the Calmodulin-Binding Protein in the Yeast Spindle Pole Body", Biochimica et Biophysica Acta, 1448(2):236-244 (December, 1998)	
	BR	B. OUYANG et al, "Human Bub1: a Putative Spindle Checkpoint Kinase Closely Linked to Cell Proliferation", Cell Growth & Differentiation, 9(10):877-885 (October, 1998)	
	BS	K. HARDWICK, "The Spindle Checkpoint", Trends in Genetics, 14(1) 1-4 (January, 1998)	
	BT	D. CAHILL et al, "Mutations of Mitotic Checkpoint Genes in Human Cancers", Nature, 392:300-303 (March, 1998)	
	BU	D. SCOLNICK et al, "Chfr Defines a Mitotic Stress Checkpoint that Delays Entry into Metaphase", Nature, 406(6794):430-435 (July, 2000)	

BEST AVAILABLE COPY

Examiner Signature	M. T. DAVIS	Date Considered	05/20/04
-----------------------	-------------	--------------------	----------

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

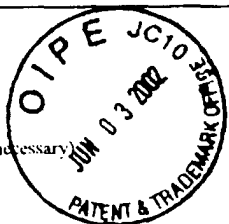
¹Unique citation designation number. ²Applicant is to place a check mark here if English language Translation is attached.

COPY OF PAPER
ORIGINALLY FILED

Please type a plus sign (+) inside this box ☐

PTO/SB-08B (08-00)

Substitute for Form 1449A PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/048,046
		Filing Date	January 24, 2002
		First Named Inventor	Thanos Halazonetis et al
		Group Art Unit	
		Examiner Name	
Sheet	1	of	2
		Attorney Docket Number	WST97AUSA



RECEIVED

JUN 07 2002

TECH CENTER 1600/2900

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiners Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
JK	AR	D. SCOLNICK et al, "CHFR Prevents Chromosomal Condensation in Response to a Defective Spindle", Proceedings of the American Association for Cancer Research, 40:215, Abstract No. 1422 (March, 1999)	
	AS	M. MURONE et al, "The Fission Yeast dma1 Gene is a Component of the Spindle Assembly Checkpoint, Required to Prevent Septum Formation and Premature Exit from Mitosis if Spindle Function is Compromised", EMBO J., 15(23):6605-6616 (December, 1996)	
	AT	T. ISOGAI et al, "NEDO Human cDNA Sequencing Project", Database GenBank, Accession No. AK001658, (February 16, 2000)	
	AU	S. ELLEDGE et al, "Mitotic Arrest: Mad2 Prevents Sleepy from Waking Up the APC", Science, 279:99-100 (February, 1998)	
	AV	A. AMON, "The Spindle Checkpoint", Current Opinion in Genetics & Development, 9:69-75 (1999)	
	AW	L. MUHUA et al, "A Cytokinesis Checkpoint Requiring the Yeast Homologue of an APC-Binding Protein", Nature, 393:487-491 (June, 1998)	
	AX	J. MCINTOSH et al, "Mitosis", Science, 246:622-628 (November, 1989)	
	AY	M. JORDAN et al, "Microtubules and Actin Filaments: Dynamic Targets for Cancer Chemotherapy", Current Opinion in Cell Biology, 10:123-130 (1998)	
	AZ	L. HARTWELL et al, "Cell Cycle Control and Cancer", Science, 266:1821-1828 (December, 1994)	

Examiner Signature	M. T. DAVIS	Date Considered	05/20/04
--------------------	-------------	-----------------	----------

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

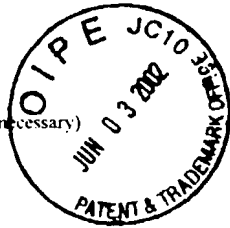
¹Unique citation designation number. ²Applicant is to place a check mark here if English language Translation is attached.

COPY OF PAPERS
ORIGINALLY FILED

Please type a plus sign (+) inside this box ☒

PTO/SB/08B (08-00)

Substitute for Form 1449 APTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Complete if Known		
			Application Number	10/048,046	
			Filing Date	January 24, 2002	
			First Named Inventor	Thanos Halazonetis et al	
			Group Art Unit		
			Examiner Name		
Sheet	2	of	2	Attorney Docket Number	WST97AUSA



RECEIVED

JUN 07 2002

TECH CENTER 1600/2900

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiners Initials [*]	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
JR	AAR	C. LENGAUER et al, "Genetic Instability in Colorectal Cancers", Nature, 386:623-627 (April, 1997)	
	AAS	C. LENGAUER et al, "Genetic Instabilities in Human Cancers", Nature, 396:643-649 (December, 1998)	
	AAT	Y. LI et al, "Identification of a Human Mitotic Checkpoint Gene: hSMAD2", Science, 274:246-248 (October, 1996)	
	AAU	K. YAMAGUCHI et al, "Mutation Analysis of hBUB1 in Aneuploid HNSCC and Lung Cancer Cell Lines", Cancer Letters, 139:183-187 (1999)	
	AAV	D-Y. JIN et al, "Human T Cell Leukemia Virus Type 1 Oncoprotein Tax Targets the Human Mitotic Checkpoint Protein MAD1", Cell, 93:81-91 (April, 1998)	
	AAW	H. ZOU et al, "Identification of a Vertebrate Sister-Chromatid Separation Inhibitor Involved in Transformation and Tumorigenesis", Science, 285:418-422 (July, 1999)	
	AAX	D. CAHILL et al, "Mutations of Mitotic Checkpoint Genes in Human Cancers", Nature, 392:300-303 (March, 1998)	
	AAV	D. CAHILL et al, "Characterization of MAD2B and Other Mitotic Spindle Checkpoint Genes", Genomics, 58:181-187 (1999)	

Examiner Signature	M. T. DAVIS	Date Considered	05/20/04
-----------------------	-------------	--------------------	----------

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.